

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/12029

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02C5/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2 321 318 A (SUNATORI GO SIMON) 2 April 2002 (2002-04-02) abstract; claims ----	1,3,5-9
X	US 3 264 678 A (PARMELEE ALFRED F) 9 August 1966 (1966-08-09) column 3, line 3 - line 20 ----	1,2,4
X	US 6 217 170 B1 (HSIAO YU-TENG) 17 April 2001 (2001-04-17) column 2, line 14 - line 34 ----	1
A	US 3 422 449 A (RINNMAN HARRY) 14 January 1969 (1969-01-14) column 1, line 20 -column 2, line 5 ----	2-9
X	US 3 422 449 A (RINNMAN HARRY) 14 January 1969 (1969-01-14) column 1, line 20 -column 2, line 5 ----	1
A	US 3 422 449 A (RINNMAN HARRY) 14 January 1969 (1969-01-14) column 1, line 20 -column 2, line 5 ----	2-9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

11 December 2003

Date of mailing of the International search report

19/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

CALLEWAERT, H

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
CA 2321318	A	02-04-2002	CA	2321318 A1		02-04-2002
US 3264678	A	09-08-1966		NONE		
US 6217170	B1	17-04-2001		NONE		
US 3422449	A	14-01-1969		NONE		